

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Canceled)

2. (Currently Amended) An electronic map apparatus comprising:

data fetching means for fetching map data from media for storing said map data to be displayed as a map;

a display device for displaying said map including areas having different colors representing different geographical areas in a perspective view in accordance with said map data; and

a microcomputer for processing display data of an arc which is an equidistant curve from a center at a specified point on said map and links points on said perspective view at a constant distance corresponding to actual road distances from said center equal to those on said map,

wherein said microcomputer is configured to selectively display said perspective view ~~and a plane view~~ on said display device, wherein in said perspective view, said arc of the equidistant curve is displayed as a border between two adjacent colors on the basis of said arc's display data being superimposed on said map displayed on said display device, ~~and in said plane view, a corresponding distance from the center of said arc of equidistant curve is displayed on one of a plurality of said arcs of equidistant curves;~~

wherein said microcomputer is configured to process data of a plurality of arcs representing different geographical distances from said center and the arcs are each superposed on said map displayed in a perspective view;

wherein said microcomputer is configured to output, in the perspective view, numbers each indicating a geographical distance from said center to one of said plurality of arcs and displays each of said numbers at a location in close proximity to the circumference of said plurality of arcs [[arc]] with a geographical distance thereof indicated by said number;

wherein said microcomputer is configured to change contraction of [[a]] said map displayed on said display device in [[a]] said perspective view ~~and modifies said geographical distances from said center to said arcs and the number of said arcs in accordance with a degree of contraction of said map; and~~

~~wherein said microcomputer is configured to change a color of said arc into a supplementary color of a drawn portion to the distance display arc; and~~

wherein said microcomputer is configured to output a first character or a first symbol representing a first direction of said map in close proximity to or on one of said arcs.

3-5. (Canceled)

6. (Currently amended) [[An]] The electronic map apparatus according to claim 2, wherein:

said electronic map apparatus is a navigation apparatus mounted on a vehicle;

said specified point is the position of said vehicle;
map data of a map including said position of said vehicle is read out from said media; and
said map is displayed in a perspective view in accordance with said map data read out from said media.

7. (Currently amended) ~~[[An]]~~ The electronic map apparatus according to claim 2, wherein said specified point is a point on a map specified by a user.

8. (Currently amended) ~~[[An]]~~ The electronic map apparatus according to claim 2, wherein ~~said map is displayed in a perspective view, and~~ a second character or a second symbol representing a second direction is displayed at said specified point.

9. (Currently Amended) An electronic map display method comprising the steps of:

fetching map data from predetermined media for storing said map data to be displayed as a map;

displaying said map as areas having different colors representing different geographical distances on a display device in a perspective view in accordance with said map data;

displaying an arc, which is an equidistant curve from a center at a specified point on said map and links points on said perspective view at a constant distance corresponding to actual road distances from said center equal to those on said map,

and selectively displaying said perspective view ~~and a plane view~~ on said display device, in said perspective view, said arc of equidistant curve being displayed as a border between two adjacent colors on the basis of said arc's display data being superimposed on said map displayed on said display device, ~~and in said plane view, a corresponding distance from the center of said arc of equidistant curve being displayed on one of a plurality of said arcs of equidistant curves;~~

displaying a plurality of arcs representing different geographical distances from said center and displaying the arcs on said map displayed in a perspective view;

displaying, in the perspective view, numbers each indicating a geographical distance from said center to one of said arcs at a location in close proximity to the circumference of said arc;

changing said geographical distances from said center to said arcs and the number of said arcs in accordance with a degree of contraction of said map; and

~~changing a color of said arc into a supplementary color of a drawn portion to the distance display arc; and~~

outputting a first character or a first symbol representing a first direction of said map in close proximity to or on one of said arcs.

10-12. (Canceled)

13. (Currently amended) [[An]] The electronic map display method according to claim 9, wherein:

the position of a vehicle on which a navigation apparatus is mounted is specified as said specified point;

map data of a map including said position of said vehicle is read out from said media; and

said map is displayed in a perspective view in accordance with said map data read out from said media.

14. (Currently amended) ~~[[An]]~~ The electronic map display method according to claim 9, wherein a point on said map is specified by a user as said specified point.

15. (Currently amended) ~~[[An]]~~ The electronic map display method according to claim 9, wherein ~~said map is displayed in a perspective view, and~~ a second character or a second symbol representing a second direction is displayed at said specified point.

16. (Previously presented) The electronic map apparatus according to claim 2, wherein a plurality of said arcs are displayed so that the constant distance for each equidistant curve corresponding to actual road distance is changed in accordance with the perspective of the map being displayed on the display device in said perspective view.

17. (Previously presented) The electronic map display method according to claim 9, wherein a plurality of said arcs are displayed so that the constant distance for each equidistant curve corresponding to actual road distance is changed in accordance

with the perspective of the map being displayed on the display device in said perspective view.

18. (New) The electronic map apparatus according to claim 2, wherein said microcomputer is configured to selectively display a plane view on said display device, wherein in said plane view, a corresponding distance from the center of said arc of equidistant curve is displayed on one of a plurality of said arcs of equidistant curves.

19. (New) The electronic map apparatus according to claim 2, wherein said microcomputer modifies said geographical distances from said center to said arcs and the number of said arcs in accordance with a degree of contraction of said map.

20. (New) The electronic map apparatus according to claim 2, wherein said microcomputer is configured to change a color of said arc into a supplementary color of a drawn portion to the distance display arc.

21. (New) The electronic map display method according to claim 9, further comprising:

displaying a plane view on said display device, wherein in said plane view, a corresponding distance from the center of said arc of equidistant curve is displayed on one of a plurality of said arcs of equidistant curves.

22. (New) The electronic map display method according to claim 9, further comprising:

displaying a plurality of arcs representing different geographical distances from said center and displaying the arcs on said map displayed in said perspective view.

23. (New) The electronic map display method according to claim 9, further comprising:

changing a color of said arc into a supplementary color of a drawn portion to the distance display arc.